OM protein - protein search, using sw model

Run on: May 16, 2003, 10:40:06 ; Search time 18 Seconds
(without alignments)
64.301 Million cell updates/sec

Title: US-09-551-151A-43
Perfect score: 64
Sequence: 1 SPQGIAGQRNFN 12

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 362588 seqs, 96450795 residues

Total number of hits satisfying chosen parameters: 362588

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	42	65.6	9	10	US-09-113-696B-26	Sequence 26, Appl
2	42	65.6	9	10	US-09-816-737-2	Sequence 2, Appli
3	42	65.6	15	9	US-10-133-289-1	Sequence 1, Appli
4	42	65.6	15	10	US-09-113-696B-17	Sequence 17, Appl
5	42	65.6	15	10	US-09-816-737-1	Sequence 1, Appli
6	42	65.6	15	10	US-09-935-417-1	Sequence 1, Appli
7	42	65.6	25	9	US-10-279-991-3	Sequence 3, Appli
8	42	65.6	1464	9	US-10-060-036-159	Sequence 159, App
9	42	65.6	1464	9	US-10-171-311-36	Sequence 36, Appl
10	40	62.5	234	9	US-09-895-674-1	Sequence 1, Appli
11	40	62.5	714	9	US-10-233-885-44	Sequence 44, Appl
12	40	62.5	714	9	US-10-231-581-44	Sequence 44, Appl
13	39	60.9	211	9	US-10-222-577-5	Sequence 5, Appli
14	39	60.9	211	9	US-10-222-578-5	Sequence 5, Appli
15	39	60.9	211	10	US-09-790-045-5	Sequence 5, Appli
16	38	59.4	8	10	US-09-756-283A-28	Sequence 28, Appl
17	38	59.4	695	10	US-09-746-801A-2	Sequence 2, Appli
18	38	59.4	695	10	US-09-746-801A-35	Sequence 35, Appl
19	37	57.8	8	9	US-09-972-772-3	Sequence 3, Appli
20	37	57.8	8	10	US-09-998-831-25	Sequence 25, Appl
21	37	57.8	8	10	US-09-756-283A-56	Sequence 56, Appl
22	37	57.8	8	12	US-10-001-945-3	Sequence 3, Appli
23	36	56.2	171	10	US-09-764-864-1119	Sequence 1119, Ap
24	36	56.2	422	9	US-10-112-616A-2	Sequence 2, Appli
25	36	56.2	459	10	US-09-789-561-97	Sequence 97, Appl
26	36	56.2	556	9	US-10-097-340-147	Sequence 147, App
27	36	56.2	620	10	US-09-764-864-1116	Sequence 1116, Ap
28	35	54.7	7	10	US-09-113-696B-28	Sequence 28, Appl
29	35	54.7	7	10	US-09-816-737-4	Sequence 4, Appli
30	35	54.7	8	10	US-09-756-283A-30	Sequence 30, Appl
31	35	54.7	422	10	US-09-804-357-11	Sequence 11, Appl
32	35	54.7	422	10	US-09-529-063-25	Sequence 25, Appl
33	35	54.7	422	10	US-09-804-006-11	Sequence 11, Appl
34	35	54.7	907	9	US-10-008-739A-2	Sequence 2, Appli
35	34	53.1	97	8	US-08-927-939-25	Sequence 25, Appl
36	34	53.1	97	9	US-10-114-893-52	Sequence 52, Appl
37	34	53.1	97	9	US-09-834-794A-26	Sequence 26, Appl
38	34	53.1	97	10	US-09-834-795A-26	Sequence 26, Appl
39	34	53.1	1600	9	US-10-092-880-10	Sequence 10, Appl
40	33	51.6	140	9	US-09-925-299-1457	Sequence 1457, Ap
41	33	51.6	140	10	US-09-925-299-1457	Sequence 1457, Ap
42	33	51.6	397	9	US-09-975-139-7	Sequence 7, Appli
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44	32	50.0	7	9	US-09-972-772-4	Sequence 4, Appli
45	32	50.0	7	12	US-10-001-945-4	Sequence 4, Appli
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47	32	50.0	259	10	US-09-820-893-87	Sequence 87, Appl
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49	32	50.0	310	9	US-09-738-626-5840	Sequence 5840, Ap
50	32	50.0	339	9	US-09-738-626-3750	Sequence 3750, Ap
51	32	50.0	421	10	US-09-841-132-577	Sequence 577, App
52	32	50.0	478	9	US-10-193-295-2	Sequence 2, Appli
53	32	50.0	518	9	US-10-193-295-5	Sequence 5, Appli
54	32	50.0	520	9	US-10-193-295-4	Sequence 4, Appli
55	32	50.0	786	9	US-10-002-344A-221	Sequence 221, App
56	32	50.0	873	9	US-10-200-154-2	Sequence 2, Appli
57	32	50.0	873	10	US-09-954-043-2	Sequence 2, Appli
58	32	50.0	1336	9	US-10-278-173-128	Sequence 128, App
59	32	50.0	1648	9	US-09-842-758-37	Sequence 37, Appl
60	32	50.0	1648	9	US-09-842-758-39	Sequence 39, Appl
61	32	50.0	1648	10	US-09-515-806-4	Sequence 4, Appli
62	31	48.4	44	10	US-09-864-761-46624	Sequence 46624, A
63	31	48.4	48	9	US-10-112-455A-15	Sequence 15, Appl
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68	31	48.4	220	10	US-09-350-874-24	Sequence 24, Appl
69	31	48.4	220	10	US-09-350-874-26	Sequence 26, Appl
70	31	48.4	225	10	US-09-350-874-30	Sequence 30, Appl
71	31	48.4	245	9	US-10-159-901-41	Sequence 41, Appl
72	31	48.4	248	10	US-09-764-853-620	Sequence 620, App
73	31	48.4	252	10	US-09-350-874-20	Sequence 20, Appl
74	31	48.4	252	10	US-09-350-874-22	Sequence 22, Appl
75	31	48.4	252	10	US-09-350-874-28	Sequence 28, Appl
76	31	48.4	252	10	US-09-350-874-42	Sequence 42, Appl
77	31	48.4	257	10	US-09-350-874-16	Sequence 16, Appl
78	31	48.4	263	9	US-10-260-960-9	Sequence 9, Appli
79	31	48.4	270	10	US-09-350-874-14	Sequence 14, Appl
80	31	48.4	270	10	US-09-350-874-18	Sequence 18, Appl
81	31	48.4	324	9	US-10-260-960-14	Sequence 14, Appl
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83	31	48.4	466	10	US-09-804-551B-14	Sequence 14, Appl
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85	31	48.4	508	10	US-09-815-242-5795	Sequence 5795, Ap
86	31	48.4	520	10	US-09-815-242-12809	Sequence 12809, A
87	31	48.4	543	9	US-09-738-626-4023	Sequence 4023, Ap
88	31	48.4	575	9	US-09-738-626-4824	Sequence 4824, Ap
89	31	48.4	602	9	US-10-195-158-5	Sequence 5, Appli
90	31	48.4	626	10	US-09-862-027-43	Sequence 43, Appl
91	31	48.4	648	9	US-09-975-719-221	Sequence 221, App
92	31	48.4	652	9	US-10-102-806-667	Sequence 667, App

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115	31	48.4	2764	9	US-09-808-602-80	Sequence 80, Appl
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125	30	46.9	37	10	US-09-864-761-43293	Sequence 43293, A
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127	30	46.9	61	10	US-09-925-297-897	Sequence 897, App
128	30	46.9	82	10	US-09-764-853-443	Sequence 443, App
129	30	46.9	94	10	US-09-864-761-40640	Sequence 40640, A
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132	30	46.9	103	10	US-09-867-550-594	Sequence 594, App
133	30	46.9	160	9	US-09-984-271-211	Sequence 211, App
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136	30	46.9	246	9	US-09-738-626-5858	Sequence 5858, Ap
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138	30	46.9	272	10	US-09-934-868-32	Sequence 32, Appl
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153	30	46.9	496	10	US-09-974-592-10	Sequence 10, Appl
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167	30	46.9	1806	10	US-09-919-497-56	Sequence 56, Appl
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175	29	45.3	110	10	US-09-910-150-16	Sequence 16, Appl
176	29	45.3	111	10	US-09-864-761-45804	Sequence 45804, A
177	29	45.3	150	9	US-10-007-280A-201	Sequence 201, App
178	29	45.3	153	10	US-09-864-761-39044	Sequence 39044, A
179	29	45.3	154	9	US-09-738-626-3551	Sequence 3551, Ap
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183	29	45.3	174	9	US-09-797-464A-9	Sequence 9, Appli
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185	29	45.3	185	10	US-09-864-761-48687	Sequence 48687, A
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187	29	45.3	197	10	US-09-738-973-206	Sequence 206, App
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189	29	45.3	214	10	US-09-999-602-1	Sequence 1, Appli
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192	29	45.3	230	9	US-09-981-876-214	Sequence 214, App
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214	29	45.3	372	10	US-09-784-358-6	Sequence 6, Appli
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231	29	45.3	663	9	US-10-108-605-245	Sequence 245, App
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234	29	45.3	706	9	US-09-738-626-3879	Sequence 3879, Ap
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239	29	45.3	793	9	US-10-171-311-62	Sequence 62, Appl
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242	29	45.3	845	10	US-09-784-358-12	Sequence 12, Appl
243	29	45.3	1024	9	US-10-211-962-50	Sequence 50, Appl
244	29	45.3	1066	10	US-09-910-150-2	Sequence 2, Appli
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246	29	45.3	1149	10	US-09-969-528-5	Sequence 5, Appli
247	29	45.3	1366	9	US-10-171-311-38	Sequence 38, Appl
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250	29	45.3	1691	10	US-09-784-358-2	Sequence 2, Appli
251	29	45.3	1712	9	US-09-961-403-9	Sequence 9, Appli
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ALIGNMENTS

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RESULT 1
US-09-113-696B-26
; Sequence 26, Application US/09113696B
; Patent No. US20020010134A1
; GENERAL INFORMATION:
;  APPLICANT:  Bhatnagar, Rajendra S.
;  APPLICANT:  Qian, Jing Jing
;  APPLICANT:  Gough, Craig
;  TITLE OF INVENTION:  PEPTIDE COMPOSITIONS MIMICKING TGF-BETA
;  TITLE OF INVENTION:  ACTIVITY
;  FILE REFERENCE:  6510-215CIP2
;  CURRENT APPLICATION NUMBER: US/09/113,696B
;  CURRENT FILING DATE:  1998-07-10
;  PRIOR APPLICATION NUMBER:  08/742,256
;  PRIOR FILING DATE:  1996-10-31
;  PRIOR APPLICATION NUMBER:  08/431,954
;  PRIOR FILING DATE:  1995-05-01
;  NUMBER OF SEQ ID NOS:  42
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 26
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Collagen receptor ligands
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US-09-113-696B-26

Query Match 65.6%; Score 42; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 3.3e+05;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2
US-09-816-737-2
; Sequence 2, Application US/09816737
; Patent No. US20020037853A1
; GENERAL INFORMATION:
; APPLICANT: Bhatnagar, Rajendra S.
; TITLE OF INVENTION: "Synthetic Compounds and Compositions
; TITLE OF INVENTION: with Enhanced Cell Binding"
; FILE REFERENCE: 06510223CON2
; CURRENT APPLICATION NUMBER: US/09/816,737
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: 09/328,347
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 08/859,610
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: 08/278,878
; PRIOR FILING DATE: 1994-07-22
; PRIOR APPLICATION NUMBER: 07/804,782
; PRIOR FILING DATE: 1991-12-09
; PRIOR APPLICATION NUMBER: 07/393,621
; PRIOR FILING DATE: 1989-08-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic peptide
US-09-816-737-2

Query Match 65.6%; Score 42; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 3.3e+05;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
US-10-133-289-1
; Sequence 1, Application US/10133289
; Publication No. US20030077825A1
; GENERAL INFORMATION:
; APPLICANT: Rejendra S. Bhatnagar
; APPLICANT: Jing Jing Qian
; TITLE OF INVENTION: Structures Useful for Bone Engineering
; TITLE OF INVENTION: and Methods
; FILE REFERENCE: UCAL224
; CURRENT APPLICATION NUMBER: US/10/133,289
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/561,554
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide

US-10-133-289-1

Query Match 65.6%; Score 42; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 PQGIAGQR 9
||||||||
Db 5 PQGIAGQR 12

RESULT 4
US-09-113-696B-17
; Sequence 17, Application US/09113696B
; Patent No. US20020010134A1
; GENERAL INFORMATION:
; APPLICANT: Bhatnagar, Rajendra S.
; APPLICANT: Qian, Jing Jing
; APPLICANT: Gough, Craig
; TITLE OF INVENTION: PEPTIDE COMPOSITIONS MIMICKING TGF-BETA
; TITLE OF INVENTION: ACTIVITY
; FILE REFERENCE: 6510-215CIP2
; CURRENT APPLICATION NUMBER: US/09/113,696B
; CURRENT FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: 08/742,256
; PRIOR FILING DATE: 1996-10-31
; PRIOR APPLICATION NUMBER: 08/431,954
; PRIOR FILING DATE: 1995-05-01
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TGF-beta mimic
US-09-113-696B-17

Query Match 65.6%; Score 42; DB 10; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 PQGIAGQR 9
||||||||
Db 5 PQGIAGQR 12

RESULT 5
US-09-816-737-1
; Sequence 1, Application US/09816737
; Patent No. US20020037853A1
; GENERAL INFORMATION:
; APPLICANT: Bhatnagar, Rajendra S.
; TITLE OF INVENTION: "Synthetic Compounds and Compositions
; TITLE OF INVENTION: with Enhanced Cell Binding"
; FILE REFERENCE: 06510223CON2
; CURRENT APPLICATION NUMBER: US/09/816,737
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: 09/328,347
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 08/859,610
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: 08/278,878
; PRIOR FILING DATE: 1994-07-22
; PRIOR APPLICATION NUMBER: 07/804,782
; PRIOR FILING DATE: 1991-12-09
; PRIOR APPLICATION NUMBER: 07/393,621
; PRIOR FILING DATE: 1989-08-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: PRT

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;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic peptide
US-09-816-737-1

  Query Match             65.6%;  Score 42;  DB 10;  Length 15;
  Best Local Similarity   100.0%;  Pred. No. 0.2;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       2 PQGIAGQR 9
           ||||||||
Db       5 PQGIAGQR 12


RESULT 6
US-09-935-417-1
; Sequence 1, Application US/09935417
; Patent No. US20020062145A1
; GENERAL INFORMATION:
;  APPLICANT: Rudakov, Leon V.
;  APPLICANT:  Imran, Mir A.
;  APPLICANT:  Dinh, Linh
;  APPLICANT:  Davidian, Ara
;  APPLICANT:  Larkin, Kevin
;  TITLE OF INVENTION: Composite Expandable Device with Polymeric Covering and Bioactive
;  TITLE OF INVENTION:  Thereon, Delivery Apparatus and Method
;  FILE REFERENCE: 52200-8006.US01
;  CURRENT APPLICATION NUMBER: US/09/935,417
;  CURRENT FILING DATE:  2001-08-22
;  PRIOR APPLICATION NUMBER: US 09/385,691
;  PRIOR FILING DATE: 1999-08-30
;  NUMBER OF SEQ ID NOS: 1
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
;   LENGTH: 15
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: portion of a1 chain of collagen
US-09-935-417-1

  Query Match             65.6%;  Score 42;  DB 10;  Length 15;
  Best Local Similarity   100.0%;  Pred. No. 0.2;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       2 PQGIAGQR 9
           ||||||||
Db       5 PQGIAGQR 12


RESULT 7
US-10-279-991-3
; Sequence 3, Application US/10279991
; Publication No. US20030087315A1
; GENERAL INFORMATION:
;  APPLICANT: PROCKOP, DARWIN J.
;  APPLICANT:  FERTALA, ANDRZEJ
;  TITLE OF INVENTION: INHIBITORS OF COLLAGEN ASSEMBLY
;  FILE REFERENCE: 053844-5001-01
;  CURRENT APPLICATION NUMBER: US/10/279,991
;  CURRENT FILING DATE:  2002-10-24
;  PRIOR APPLICATION NUMBER: 09/517,866
;  PRIOR FILING DATE: 2000-03-03
;  PRIOR APPLICATION NUMBER: 60/058,353
;  PRIOR FILING DATE: 1997-09-10
;  PRIOR APPLICATION NUMBER: PCT/US98/18838
;  PRIOR FILING DATE: 1998-09-10
;  NUMBER OF SEQ ID NOS: 23
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
;   LENGTH: 25
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-279-991-3

  Query Match             65.6%;  Score 42;  DB 9;  Length 25;
  Best Local Similarity   100.0%;  Pred. No. 0.34;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       2 PQGIAGQR 9
           ||||||||
Db      13 PQGIAGQR 20


RESULT 8
US-10-060-036-159
; Sequence 159, Application US/10060036
; Publication No. US20030073144A1
; GENERAL INFORMATION:
;  APPLICANT: Benson, Darin R.
;  APPLICANT:  Kalos, Michael D.
;  APPLICANT:  Lodes, Michael J.
;  APPLICANT:  Persing, David H.
;  APPLICANT:  Hepler, William T.
;  APPLICANT:  Jiang, Yuqiu
;  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
;  TITLE OF INVENTION:  AND DIAGNOSIS OF PANCREATIC CANCER
;  FILE REFERENCE: 210121.566
;  CURRENT APPLICATION NUMBER: US/10/060,036
;  CURRENT FILING DATE:  2002-01-30
;  NUMBER OF SEQ ID NOS: 4560
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 159
;   LENGTH: 1464
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-060-036-159

  Query Match             65.6%;  Score 42;  DB 9;  Length 1464;
  Best Local Similarity   100.0%;  Pred. No. 27;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       2 PQGIAGQR 9
           ||||||||
Db     951 PQGIAGQR 958


RESULT 9
US-10-171-311-36
; Sequence 36, Application US/10171311
; Publication No. US20030087270A1
; GENERAL INFORMATION:
;  APPLICANT: Schlegel, Robert
;  APPLICANT:  Chen, Yan
;  APPLICANT:  Zhao, Xumei
;  APPLICANT:  Monahan, John
;  APPLICANT:  Kamatkar, Shubhangi
;  APPLICANT:  Glatt, Karen
;  APPLICANT:  Gannavarapu, Manjula
;  APPLICANT:  Hoersh, Sebastian
;  TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
;  TITLE OF INVENTION:  IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
;  TITLE OF INVENTION:  OF CERVICAL CANCER
;  FILE REFERENCE: MRI-035
;  CURRENT APPLICATION NUMBER: US/10/171,311
;  CURRENT FILING DATE:  2002-06-12
;  PRIOR APPLICATION NUMBER: US 60/298,159
;  PRIOR FILING DATE: 2001-06-13
;  PRIOR APPLICATION NUMBER: US 60/298,155
;  PRIOR FILING DATE: 2001-06-13
;  PRIOR APPLICATION NUMBER: US 60/335,936
;  PRIOR FILING DATE: 2001-11-14
;  NUMBER OF SEQ ID NOS: 238
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 36
;   LENGTH: 1464
```

```
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-171-311-36

  Query Match            65.6%;  Score 42;  DB 9;  Length 1464;
  Best Local Similarity  100.0%;  Pred. No. 27;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQR 9
          ||||||||
Db    951 PQGIAGQR 958


RESULT 10
US-09-895-674-1
; Sequence 1, Application US/09895674
; Publication No. US20030021821A1
; GENERAL INFORMATION:
;  APPLICANT: Fertala, Andrzej
;  APPLICANT:  Ko, Frank
;  TITLE OF INVENTION: Collagen and Collagen-like Peptide Containing Polymeric
;  TITLE OF INVENTION:  Matrices
;  FILE REFERENCE: DRE-0032
;  CURRENT APPLICATION NUMBER: US/09/895,674
;  CURRENT FILING DATE:  2001-06-28
;  PRIOR APPLICATION NUMBER: PCT/US01/
;  PRIOR FILING DATE: 2001-06-25
;  PRIOR APPLICATION NUMBER: 60/ 214,034
;  PRIOR FILING DATE: 2000-06-23
;  NUMBER OF SEQ ID NOS: 1
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
;   LENGTH: 234
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-895-674-1

  Query Match            62.5%;  Score 40;  DB 9;  Length 234;
  Best Local Similarity  87.5%;  Pred. No. 8.7;
  Matches    7;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQR 9
          |||:||||
Db     71 PQGLAGQR 78


RESULT 11
US-10-233-885-44
; Sequence 44, Application US/10233885
; Publication No. US20030049715A1
; GENERAL INFORMATION:
;  APPLICANT: Pharmacia Corporation
;  TITLE OF INVENTION: Biomarker Peptide and Method
;  FILE REFERENCE: PHAR 8023 (3555)
;  CURRENT APPLICATION NUMBER: US/10/233,885
;  CURRENT FILING DATE:  2002-09-03
;  NUMBER OF SEQ ID NOS: 44
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
;   LENGTH: 714
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-233-885-44

  Query Match            62.5%;  Score 40;  DB 9;  Length 714;
  Best Local Similarity  87.5%;  Pred. No. 29;
  Matches    7;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQR 9
          |||:||||
Db    473 PQGLAGQR 480


RESULT 12
US-10-231-581-44
; Sequence 44, Application US/10231581
; Publication No. US20030054426A1
; GENERAL INFORMATION:
;  APPLICANT: Welsch, Dean J.
;  APPLICANT:  Duffin, Kevin L.
;  APPLICANT:  Dufield, Dawn R.
;  APPLICANT:  Nemirovskiy, Olga
;  APPLICANT:  Sunyer, Teresa
;  APPLICANT:  Howard, Carol P.
;  APPLICANT:  Pharmacia Corporation
;  TITLE OF INVENTION: Biomarker Peptide and Method
;  FILE REFERENCE: PHAR 8023 (3555)
;  CURRENT APPLICATION NUMBER: US/10/231,581
;  CURRENT FILING DATE:  2002-08-30
;  NUMBER OF SEQ ID NOS: 44
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
;   LENGTH: 714
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-231-581-44

  Query Match            62.5%;  Score 40;  DB 9;  Length 714;
  Best Local Similarity  87.5%;  Pred. No. 29;
  Matches    7;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQR 9
          |||:||||
Db    473 PQGLAGQR 480


RESULT 13
US-10-222-577-5
; Sequence 5, Application US/10222577
; Publication No. US20030009026A1
; GENERAL INFORMATION:
;  APPLICANT: Hasebe, Akira
;  APPLICANT:  Tsuchiya, Kenichi
;  APPLICANT:  Horita, Mitsuo
;  TITLE OF INVENTION: Insertion Sequence Element Derived From Ralstonia
;  TITLE OF INVENTION:  Solanacearum
;  FILE REFERENCE: NANP108US
;  CURRENT APPLICATION NUMBER: US/10/222,577
;  CURRENT FILING DATE:  2002-08-16
;  PRIOR APPLICATION NUMBER: US/09/790,045
;  PRIOR FILING DATE: 2001-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Ralstonia solanacearum
US-10-222-577-5

  Query Match            60.9%;  Score 39;  DB 9;  Length 211;
  Best Local Similarity  77.8%;  Pred. No. 12;
  Matches    7;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQR 9
          || |:||||
Db     13 SPAGVAGQR 21


RESULT 14
US-10-222-578-5
; Sequence 5, Application US/10222578
; Publication No. US20030027340A1
; GENERAL INFORMATION:
;  APPLICANT: Hasebe, Akira
;  APPLICANT:  Tsuchiya, Kenichi
;  APPLICANT:  Horita, Mitsuo
```

```
;  TITLE OF INVENTION: Insertion Sequence Element Derived From Ralstonia
;  TITLE OF INVENTION:  Solanacearum
;  FILE REFERENCE: NANP108US
;  CURRENT APPLICATION NUMBER: US/10/222,578
;  CURRENT FILING DATE:  2002-08-16
;  PRIOR APPLICATION NUMBER: US/09/790,045
;  PRIOR FILING DATE: 2001-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Ralstonia solanacearum
US-10-222-578-5

  Query Match            60.9%;  Score 39;  DB 9;  Length 211;
  Best Local Similarity  77.8%;  Pred. No. 12;
  Matches    7;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQR 9
          || |:|||
Db     13 SPAGVAGQR 21


RESULT 15
US-09-790-045-5
; Sequence 5, Application US/09790045
; Patent No. US20020052047A1
; GENERAL INFORMATION:
;  APPLICANT: Hasebe, Akira
;  APPLICANT:  Tsuchiya, Kenichi
;  APPLICANT:  Horita, Mitsuo
;  TITLE OF INVENTION: Insertion Sequence Element Derived From Ralstonia Solanacearum
;  FILE REFERENCE: NANP108US
;  CURRENT APPLICATION NUMBER: US/09/790,045
;  CURRENT FILING DATE:  2001-02-21
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Ralstonia solanacearum
US-09-790-045-5

  Query Match            60.9%;  Score 39;  DB 10;  Length 211;
  Best Local Similarity  77.8%;  Pred. No. 12;
  Matches    7;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQR 9
          || |:|||
Db     13 SPAGVAGQR 21


RESULT 16
US-09-756-283A-28
; Sequence 28, Application US/09756283A
; Patent No. US20020151478A1
; GENERAL INFORMATION:
;  APPLICANT: Chernajovsky, Yuti
;  APPLICANT:  Dreja, Hanna Stina
;  APPLICANT:  Adams, Gillian
;  TITLE OF INVENTION: Latent Fusion Protein
;  FILE REFERENCE: 0623.1000000
;  CURRENT APPLICATION NUMBER: US/09/756,283A
;  CURRENT FILING DATE:  2001-01-09
;  NUMBER OF SEQ ID NOS: 100
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
;   LENGTH: 8
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-756-283A-28

  Query Match            59.4%;  Score 38;  DB 10;  Length 8;
  Best Local Similarity  87.5%;  Pred. No. 3.3e+05;
  Matches    7;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQ 8
          :|||||||
Db      1 APQGIAGQ 8


RESULT 17
US-09-746-801A-2
; Sequence 2, Application US/09746801A
; Patent No. US20020083494A1
; GENERAL INFORMATION:
;  APPLICANT: Wagner, et al.
;  TITLE OF INVENTION: GENES REGULATING CIRCADIAN CLOCK FUNCTION AND PHOTOPERIODISM
;  FILE REFERENCE: 1505-54357
;  CURRENT APPLICATION NUMBER: US/09/746,801A
;  CURRENT FILING DATE:  2000-12-20
;  NUMBER OF SEQ ID NOS: 68
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
;   LENGTH: 695
;   TYPE: PRT
;   ORGANISM: Arabidopsis thaliana
US-09-746-801A-2

  Query Match            59.4%;  Score 38;  DB 10;  Length 695;
  Best Local Similarity  60.0%;  Pred. No. 66;
  Matches    6;  Conservative    3;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQRNF 11
          ||||:| ::|
Db    608 PQGISGSKSF 617


RESULT 18
US-09-746-801A-35
; Sequence 35, Application US/09746801A
; Patent No. US20020083494A1
; GENERAL INFORMATION:
;  APPLICANT: Wagner, et al.
;  TITLE OF INVENTION: GENES REGULATING CIRCADIAN CLOCK FUNCTION AND PHOTOPERIODISM
;  FILE REFERENCE: 1505-54357
;  CURRENT APPLICATION NUMBER: US/09/746,801A
;  CURRENT FILING DATE:  2000-12-20
;  NUMBER OF SEQ ID NOS: 68
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
;   LENGTH: 695
;   TYPE: PRT
;   ORGANISM: Arabidopsis thaliana
US-09-746-801A-35

  Query Match            59.4%;  Score 38;  DB 10;  Length 695;
  Best Local Similarity  60.0%;  Pred. No. 66;
  Matches    6;  Conservative    3;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQRNF 11
          ||||:| ::|
Db    608 PQGISGSKSF 617


RESULT 19
US-09-972-772-3
; Sequence 3, Application US/09972772
; Publication No. US20020193298A1
; GENERAL INFORMATION:
;  APPLICANT: Olson, Gary L.
;  APPLICANT:  Self, Christopher
;  APPLICANT:  Lee, Lily
;  APPLICANT:  Cook, Charles M.
;  TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR THE
```

```
;  TITLE OF INVENTION:  MODULATION OF ANGIOGENESIS
;  FILE REFERENCE: PPI-106CP
;  CURRENT APPLICATION NUMBER: US/09/972,772
;  CURRENT FILING DATE:  2001-10-05
;  PRIOR APPLICATION NUMBER: US 09/704,251
;  PRIOR FILING DATE: 2000-11-01
;  NUMBER OF SEQ ID NOS: 35
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
;   LENGTH: 8
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Motifs
;   NAME/KEY: VARIANT
;   LOCATION: 8
;   OTHER INFORMATION: Xaa at position 8 represents D-Arginine
US-09-972-772-3

  Query Match             57.8%;  Score 37;  DB 9;  Length 8;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+05;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQ 8
          |||||||
Db      1 PQGIAGQ 7


RESULT 20
US-09-998-831-25
; Sequence 25, Application US/09998831
; Patent No. US20020119153A1
; GENERAL INFORMATION:
;  APPLICANT: Philip E. Thorpe
;  APPLICANT:  Rolf A. Brekken
;  TITLE OF INVENTION: ANTIBODY CONJUGATE COMPOSITIONS FOR SELECTIVELY
;  TITLE OF INVENTION:  INHIBITING VEGF
;  FILE REFERENCE: 4001.002584
;  CURRENT APPLICATION NUMBER: US/09/998,831
;  CURRENT FILING DATE:  2001-11-30
;  PRIOR APPLICATION NUMBER: 09/561,108
;  PRIOR FILING DATE: 2000-04-28
;  NUMBER OF SEQ ID NOS: 44
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
;   LENGTH: 8
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  SYNTHETIC
;   OTHER INFORMATION: PEPTIDE
US-09-998-831-25

  Query Match             57.8%;  Score 37;  DB 10;  Length 8;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+05;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQ 8
          |||||||
Db      2 PQGIAGQ 8


RESULT 21
US-09-756-283A-56
; Sequence 56, Application US/09756283A
; Patent No. US20020151478A1
; GENERAL INFORMATION:
;  APPLICANT: Chernajovsky, Yuti
;  APPLICANT:  Dreja, Hanna Stina
;  APPLICANT:  Adams, Gillian
;  TITLE OF INVENTION: Latent Fusion Protein
;  FILE REFERENCE: 0623.1000000
;  CURRENT APPLICATION NUMBER: US/09/756,283A
;  CURRENT FILING DATE:  2001-01-09
;  NUMBER OF SEQ ID NOS: 100
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
;   LENGTH: 8
;   TYPE: PRT
;   ORGANISM: Bos taurus
US-09-756-283A-56

  Query Match             57.8%;  Score 37;  DB 10;  Length 8;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+05;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQ 8
          |||||||
Db      2 PQGIAGQ 8


RESULT 22
US-10-001-945-3
; Sequence 3, Application US/10001945
; Patent No. US20020151493A1
; GENERAL INFORMATION:
;  APPLICANT: Olson, Gary L.
;  APPLICANT:  Self, Christopher
;  APPLICANT:  Lee, Lily
;  APPLICANT:  Cook, Charles M.
;  APPLICANT:  Birktopf, Jens
;  TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR THE
;  TITLE OF INVENTION:  MODULATION OF ANGIOGENESIS
;  FILE REFERENCE: PPI-106CP2
;  CURRENT APPLICATION NUMBER: US/10/001,945
;  CURRENT FILING DATE:  2001-11-01
;  PRIOR APPLICATION NUMBER: US 09/972,772
;  PRIOR FILING DATE: 2001-10-05
;  PRIOR APPLICATION NUMBER: US 09/704,251
;  PRIOR FILING DATE: 2000-11-01
;  NUMBER OF SEQ ID NOS: 35
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
;   LENGTH: 8
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Motifs
;   NAME/KEY: VARIANT
;   LOCATION: 8
;   OTHER INFORMATION: Xaa at position 8 represents D-Arginine
US-10-001-945-3

  Query Match             57.8%;  Score 37;  DB 12;  Length 8;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+05;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQ 8
          |||||||
Db      1 PQGIAGQ 7


RESULT 23
US-09-764-864-1119
; Sequence 1119, Application US/09764864
; Patent No. US20020132753A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Ahtibodies
;  FILE REFERENCE: PTZ23
;  CURRENT APPLICATION NUMBER: US/09/764,864
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 1792
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1119
```

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;   LENGTH: 171
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-764-864-1119

  Query Match            56.2%;  Score 36;  DB 10;  Length 171;
  Best Local Similarity  66.7%;  Pred. No. 34;
  Matches    6;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQRN 10
          |||:| ||:
Db    162 PQGVASQRS 170


RESULT 24
US-10-112-616A-2
; Sequence 2, Application US/10112616A
; Publication No. US20030005477A1
; GENERAL INFORMATION:
;  APPLICANT: Leviten, Michael W.
;  TITLE OF INVENTION: TRANSGENIC MICE CONTAINING BETA 3 GalT2
;  TITLE OF INVENTION:  GENE DISRUPTIONS
;  FILE REFERENCE: R-031
;  CURRENT APPLICATION NUMBER: US/10/112,616A
;  CURRENT FILING DATE:  2002-09-05
;  PRIOR APPLICATION NUMBER: US 60/280,362
;  PRIOR FILING DATE: 2001-03-29
;  PRIOR APPLICATION NUMBER: US 60/326,700
;  PRIOR FILING DATE: 2001-10-02
;  NUMBER OF SEQ ID NOS: 4
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
;   LENGTH: 422
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-10-112-616A-2

  Query Match            56.2%;  Score 36;  DB 9;  Length 422;
  Best Local Similarity  60.0%;  Pred. No. 90;
  Matches    6;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQRN 10
          ||||: | :|
Db    105 SPQGVTGLQN 114


RESULT 25
US-09-789-561-97
; Sequence 97, Application US/09789561
; Patent No. US20020064818A1
; GENERAL INFORMATION:
;  APPLICANT:  Ni et al.
;  TITLE OF INVENTION:  52 Human secreted proteins
;  FILE REFERENCE:  PZ043P1
;  CURRENT APPLICATION NUMBER: US/09/789,561
;  CURRENT FILING DATE:  2001-02-22
;  PRIOR APPLICATION NUMBER:  PCT/US00/24008
;  PRIOR FILING DATE:  2000-08-31
;  PRIOR APPLICATION NUMBER:  60/152,317
;  PRIOR FILING DATE:  1999-09-03
;  PRIOR APPLICATION NUMBER:  60/152,315
;  PRIOR FILING DATE:  1999-09-03
;  NUMBER OF SEQ ID NOS:  194
;  SOFTWARE:  PatentIn Ver. 2.0
; SEQ ID NO 97
;   LENGTH: 459
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (321)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (345)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-789-561-97

  Query Match            56.2%;  Score 36;  DB 10;  Length 459;
  Best Local Similarity  87.5%;  Pred. No. 99;
  Matches    7;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQR 9
          ||| ||||
Db    352 PQGSAGQR 359


RESULT 26
US-10-097-340-147
; Sequence 147, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION:
;  APPLICANT: John MONAHAN
;  APPLICANT:  Manjula GANNAVARAPU
;  APPLICANT:  Sebastian HOERSCH
;  APPLICANT:  Shubhangi KAMATKAR
;  APPLICANT:  Steve G. KOVATS
;  APPLICANT:  Rachel E. MEYERS
;  APPLICANT:  Michael MORRISEY
;  APPLICANT:  Peter OLANDT
;  APPLICANT:  Ami SEN
;  APPLICANT:  Peter VEIBY
;  APPLICANT:  Gordon B. MILLS
;  APPLICANT:  Robert C. BAST, Jr.
;  APPLICANT:  Karen LU
;  APPLICANT:  Rosemarie SCHMANDT
;  APPLICANT:  Xumei ZHAO
;  APPLICANT:  Karen GLATT
;  TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
;  TITLE OF INVENTION:  Assessment, Prevention, and Therapy of Ovarian Cancer
;  FILE REFERENCE: MRI-030
;  CURRENT APPLICATION NUMBER: US/10/097,340
;  CURRENT FILING DATE:  2002-03-14
;  PRIOR APPLICATION NUMBER: 60/276,025
;  PRIOR FILING DATE: 2001-03-14
;  PRIOR APPLICATION NUMBER: 60/325,149
;  PRIOR FILING DATE: 2001-09-26
;  PRIOR APPLICATION NUMBER: 60/276,026
;  PRIOR FILING DATE: 2001-03-14
;  PRIOR APPLICATION NUMBER: 60/324,967
;  PRIOR FILING DATE: 2001/09/26
;  PRIOR APPLICATION NUMBER: 60/311,732
;  PRIOR FILING DATE: 2001-08-10
;  PRIOR APPLICATION NUMBER: 60/325,102
;  PRIOR FILING DATE: 2001-09-26
;  PRIOR APPLICATION NUMBER: 60/323,580
;  PRIOR FILING DATE: 2001-09-19
;  NUMBER OF SEQ ID NOS: 363
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 147
;   LENGTH: 556
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-097-340-147

  Query Match            56.2%;  Score 36;  DB 9;  Length 556;
  Best Local Similarity  66.7%;  Pred. No. 1.2e+02;
  Matches    6;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQRN 10
          |||:| ||:
Db    547 PQGVASQRS 555


RESULT 27
US-09-764-864-1116
; Sequence 1116, Application US/09764864
```

```
; Patent No. US20020132753A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PTZ23
;  CURRENT APPLICATION NUMBER: US/09/764,864
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 1792
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1116
;   LENGTH: 620
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (533)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-864-1116

  Query Match             56.2%;  Score 36;  DB 10;  Length 620;
  Best Local Similarity   66.7%;  Pred. No. 1.4e+02;
  Matches    6;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQRN 10
          |||:| ||:
Db    611 PQGVASQRS 619


RESULT 28
US-09-113-696B-28
; Sequence 28, Application US/09113696B
; Patent No. US20020010134A1
; GENERAL INFORMATION:
;  APPLICANT:  Bhatnagar, Rajendra S.
;  APPLICANT:  Qian, Jing Jing
;  APPLICANT:  Gough, Craig
;  TITLE OF INVENTION:  PEPTIDE COMPOSITIONS MIMICKING TGF-BETA
;  TITLE OF INVENTION:  ACTIVITY
;  FILE REFERENCE:  6510-215CIP2
;  CURRENT APPLICATION NUMBER: US/09/113,696B
;  CURRENT FILING DATE:  1998-07-10
;  PRIOR APPLICATION NUMBER:  08/742,256
;  PRIOR FILING DATE:  1996-10-31
;  PRIOR APPLICATION NUMBER:  08/431,954
;  PRIOR FILING DATE:  1995-05-01
;  NUMBER OF SEQ ID NOS:  42
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 28
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Collagen receptor ligands
US-09-113-696B-28

  Query Match             54.7%;  Score 35;  DB 10;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+05;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      3 QGIAGQR 9
          |||||||
Db      1 QGIAGQR 7


RESULT 29
US-09-816-737-4
; Sequence 4, Application US/09816737
; Patent No. US20020037853A1
; GENERAL INFORMATION:
;  APPLICANT: Bhatnagar, Rajendra S.
;  TITLE OF INVENTION: "Synthetic Compounds and Compositions
;  TITLE OF INVENTION:  with Enhanced Cell Binding"
;  FILE REFERENCE: 06510223CON2
;  CURRENT APPLICATION NUMBER: US/09/816,737
;  CURRENT FILING DATE:  2001-03-23
;  PRIOR APPLICATION NUMBER: 09/328,347
;  PRIOR FILING DATE: 1999-06-08
;  PRIOR APPLICATION NUMBER: 08/859,610
;  PRIOR FILING DATE: 1997-05-20
;  PRIOR APPLICATION NUMBER: 08/278,878
;  PRIOR FILING DATE: 1994-07-22
;  PRIOR APPLICATION NUMBER: 07/804,782
;  PRIOR FILING DATE: 1991-12-09
;  PRIOR APPLICATION NUMBER: 07/393,621
;  PRIOR FILING DATE: 1989-08-14
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: synthetic peptide
US-09-816-737-4

  Query Match             54.7%;  Score 35;  DB 10;  Length 7;
  Best Local Similarity   100.0%;  Pred. No. 3.3e+05;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      3 QGIAGQR 9
          |||||||
Db      1 QGIAGQR 7


RESULT 30
US-09-756-283A-30
; Sequence 30, Application US/09756283A
; Patent No. US20020151478A1
; GENERAL INFORMATION:
;  APPLICANT: Chernajovsky, Yuti
;  APPLICANT:  Dreja, Hanna Stina
;  APPLICANT:  Adams, Gillian
;  TITLE OF INVENTION: Latent Fusion Protein
;  FILE REFERENCE: 0623.1000000
;  CURRENT APPLICATION NUMBER: US/09/756,283A
;  CURRENT FILING DATE:  2001-01-09
;  NUMBER OF SEQ ID NOS: 100
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
;   LENGTH: 8
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-756-283A-30

  Query Match             54.7%;  Score 35;  DB 10;  Length 8;
  Best Local Similarity   85.7%;  Pred. No. 3.3e+05;
  Matches    6;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQ 8
          |||:|||
Db      2 PQGLAGQ 8


RESULT 31
US-09-804-357-11
; Sequence 11, Application US/09804357
; Patent No. US20010024808A1
; GENERAL INFORMATION:
;  APPLICANT: White, David
;  APPLICANT:  Zhou, Jianghong
;  APPLICANT:  Tartaglia, Louis A.
;  TITLE OF INVENTION: LEPTIN INDUCED GENES
;  FILE REFERENCE: 07334/109001
;  CURRENT APPLICATION NUMBER: US/09/804,357
;  CURRENT FILING DATE:  2001-03-12
```

```
;  PRIOR APPLICATION NUMBER: US 09/195,896
;  PRIOR FILING DATE: 1998-11-19
;  PRIOR APPLICATION NUMBER: US 60/108,379
;  PRIOR FILING DATE: 1998-10-29
;  PRIOR APPLICATION NUMBER: US 09/150,857
;  PRIOR FILING DATE: 1998-09-10
;  NUMBER OF SEQ ID NOS: 17
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 11
;   LENGTH: 422
;   TYPE: PRT
;   ORGANISM: Homo sapien
US-09-804-357-11

  Query Match             54.7%;  Score 35;  DB 10;  Length 422;
  Best Local Similarity   60.0%;  Pred. No. 1.4e+02;
  Matches    6;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQRN 10
          ||||: |  |
Db    105 SPQGVTGLEN 114


RESULT 32
US-09-529-063-25
; Sequence 25, Application US/09529063
; Patent No. US20020102542A1
; GENERAL INFORMATION:
;  APPLICANT: FUKUSHIMA, DAIKICHI
;  APPLICANT:  SHIBAYAMA, SHIRO
;  APPLICANT:  TADA, HIDEAKI
;  TITLE OF INVENTION: POLYPEPTIDE, cDNA ENCODING THE POLYPEPTIDE, AND USE OF
;  TITLE OF INVENTION:  THE BOTH
;  FILE REFERENCE: Q58769
;  CURRENT APPLICATION NUMBER: US/09/529,063
;  CURRENT FILING DATE:  2000-04-07
;  PRIOR APPLICATION NUMBER: PCT/JP98/04514
;  PRIOR FILING DATE: 1998-10-06
;  PRIOR APPLICATION NUMBER: JP 9-274674
;  PRIOR FILING DATE: 1997-10-07
;  NUMBER OF SEQ ID NOS: 117
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
;   LENGTH: 422
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-529-063-25

  Query Match             54.7%;  Score 35;  DB 10;  Length 422;
  Best Local Similarity   60.0%;  Pred. No. 1.4e+02;
  Matches    6;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQRN 10
          ||||: |  |
Db    105 SPQGVTGLEN 114


RESULT 33
US-09-804-006-11
; Sequence 11, Application US/09804006
; Patent No. US20020119517A1
; GENERAL INFORMATION:
;  APPLICANT: White, David
;  APPLICANT:  Zhou, Jianghong
;  APPLICANT:  Tartaglia, Louis A.
;  TITLE OF INVENTION: LEPTIN INDUCED GENES
;  FILE REFERENCE: 07334/126001
;  CURRENT APPLICATION NUMBER: US/09/804,006
;  CURRENT FILING DATE:  2001-03-12
;  PRIOR APPLICATION NUMBER: US 09/292,228
;  PRIOR FILING DATE: 1999-04-15
;  PRIOR APPLICATION NUMBER: US 60/108,379
;  PRIOR FILING DATE: 1998-10-29
;  PRIOR APPLICATION NUMBER: US 09/150,857
;  PRIOR FILING DATE: 1998-09-10
;  NUMBER OF SEQ ID NOS: 17
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 11
;   LENGTH: 422
;   TYPE: PRT
;   ORGANISM: Homo sapien
US-09-804-006-11

  Query Match             54.7%;  Score 35;  DB 10;  Length 422;
  Best Local Similarity   60.0%;  Pred. No. 1.4e+02;
  Matches    6;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQRN 10
          ||||: |  |
Db    105 SPQGVTGLEN 114


RESULT 34
US-10-008-739A-2
; Sequence 2, Application US/10008739A
; Patent No. US20020161194A1
; GENERAL INFORMATION:
;  APPLICANT: Pfizer Inc.
;  APPLICANT:  Castleberry, Tessa A.
;  APPLICANT:  Lu, Bihong
;  APPLICANT:  Owen, Thomas A.
;  APPLICANT:  Smock, Steven L.
;  TITLE OF INVENTION: The Canine Androgen Receptor
;  FILE REFERENCE: PC10893AGPR
;  CURRENT APPLICATION NUMBER: US/10/008,739A
;  CURRENT FILING DATE:  2002-04-15
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
;   LENGTH: 907
;   TYPE: PRT
;   ORGANISM: Canine
US-10-008-739A-2

  Query Match             54.7%;  Score 35;  DB 9;  Length 907;
  Best Local Similarity   85.7%;  Pred. No. 3.1e+02;
  Matches    6;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQ 8
          |||:|||
Db    474 PQGLAGQ 480


RESULT 35
US-08-927-939-25
; Sequence 25, Application US/08927939
; Patent No. US20010006640A1
; GENERAL INFORMATION:
;  APPLICANT: Grainger, David J.
;  APPLICANT: Tatalick, Lauen Marie
;  TITLE OF INVENTION: Compounds and methods to inhibit or
;  TITLE OF INVENTION: augment an inflammatory response.
;  FILE REFERENCE: 295.022US1
;  CURRENT APPLICATION NUMBER: US/08/927,939
;  CURRENT FILING DATE: 1997-09-11
;  NUMBER OF SEQ ID NOS: 83
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 25
;   LENGTH: 97
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-927-939-25

  Query Match             53.1%;  Score 34;  DB 8;  Length 97;
  Best Local Similarity   85.7%;  Pred. No. 44;
  Matches    6;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;
```

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Qy       1 SPQGIAG 7
           ||||:||
Db      18 SPQGLAG 24


RESULT 36
US-10-114-893-52
; Sequence 52, Application US/10114893
; Publication No. US20020193567A1
; GENERAL INFORMATION:
;  APPLICANT: Jacobs, Kenneth
;  APPLICANT: McCoy, John M.
;  APPLICANT: LaVallie, Edward R.
;  APPLICANT: Collins-Racie, Lisa A.
;  APPLICANT: Evans, Cheryl
;  APPLICANT: Merberg, David
;  APPLICANT: Treacy, Maurice
;  APPLICANT: Bowman, Michael R.
;  APPLICANT: Spaulding, Vikki
;  APPLICANT: Carlin-Duckett, McKeough
;  APPLICANT: Kelleher, Kerry S.
;  APPLICANT: Genetics Institute, Inc.
;  TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
;  FILE REFERENCE: GI 6000-10A
;  CURRENT APPLICATION NUMBER: US/10/114,893
;  CURRENT FILING DATE: 2002-04-02
;  EARLIER APPLICATION NUMBER: 09/413,232
;  EARLIER FILING DATE: 1999-10-06
;  NUMBER OF SEQ ID NOS: 321
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
;   LENGTH: 97
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-114-893-52

  Query Match           53.1%;  Score 34;  DB 9;  Length 97;
  Best Local Similarity  85.7%;  Pred. No. 44;
  Matches    6;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 SPQGIAG 7
           ||||:||
Db      18 SPQGLAG 24


RESULT 37
US-09-834-794A-26
; Sequence 26, Application US/09834794A
; Publication No. US20030026777A1
; GENERAL INFORMATION:
;  APPLICANT: Lawrence, Papsidero
;  APPLICANT:  Lyn, Dyster
;  APPLICANT:  Jana, Frustaci
;  TITLE OF INVENTION: Detection and Treatment of Breast Cancer
;  FILE REFERENCE: 3380/1I127-US4
;  CURRENT APPLICATION NUMBER: US/09/834,794A
;  CURRENT FILING DATE:  2001-04-13
;  PRIOR APPLICATION NUMBER: 09/146,580
;  PRIOR FILING DATE: 1998-09-03
;  PRIOR APPLICATION NUMBER: 60/071,899
;  PRIOR FILING DATE: 1998-01-20
;  PRIOR APPLICATION NUMBER: 60/092,155
;  PRIOR FILING DATE: 1998-07-09
;  NUMBER OF SEQ ID NOS: 35
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
;   LENGTH: 97
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-834-794A-26

  Query Match           53.1%;  Score 34;  DB 9;  Length 97;
  Best Local Similarity  85.7%;  Pred. No. 44;
  Matches    6;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 SPQGIAG 7
           ||||:||
Db      18 SPQGLAG 24


RESULT 38
US-09-834-795A-26
; Sequence 26, Application US/09834795A
; Patent No. US20020076710A1
; GENERAL INFORMATION:
;  APPLICANT: Lawrence, Papsidero
;  APPLICANT:  Lyn, Dyster
;  APPLICANT:  Jana, Frustaci
;  TITLE OF INVENTION: Detection and Treatment of Breast Cancer
;  FILE REFERENCE: 3380/1I127-US3
;  CURRENT APPLICATION NUMBER: US/09/834,795A
;  CURRENT FILING DATE:  2001-04-12
;  PRIOR APPLICATION NUMBER: 09/146,580
;  PRIOR FILING DATE: 1998-09-03
;  PRIOR APPLICATION NUMBER: 60/071,899
;  PRIOR FILING DATE: 1998-01-20
;  PRIOR APPLICATION NUMBER: 60/092,155
;  PRIOR FILING DATE: 1998-07-09
;  NUMBER OF SEQ ID NOS: 35
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
;   LENGTH: 97
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-834-795A-26

  Query Match           53.1%;  Score 34;  DB 10;  Length 97;
  Best Local Similarity  85.7%;  Pred. No. 44;
  Matches    6;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 SPQGIAG 7
           ||||:||
Db      18 SPQGLAG 24


RESULT 39
US-10-092-880-10
; Sequence 10, Application US/10092880
; Patent No. US20020164354A1
; GENERAL INFORMATION:
;  APPLICANT: Barenkamp, Stephen J.
;  TITLE OF INVENTION: HIGH MOLECULAR WEIGHT SURFACE PROTEINS OF NON-TYPEABLE
;  TITLE OF INVENTION:  HAEMOPHILUS
;  FILE REFERENCE:
;  CURRENT APPLICATION NUMBER: US/10/092,880
;  CURRENT FILING DATE:  2002-03-08
;  PRIOR APPLICATION NUMBER: 09/155,614
;  PRIOR FILING DATE: 1998-09-30
;  PRIOR APPLICATION NUMBER: 08/617,697
;  PRIOR FILING DATE: 1996-04-01
;  PRIOR APPLICATION NUMBER: PCT/US97/04707
;  PRIOR FILING DATE: 1997-04-01
;  NUMBER OF SEQ ID NOS: 11
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
;   LENGTH: 1600
;   TYPE: PRT
;   ORGANISM: Haemophilus influenzae
US-10-092-880-10

  Query Match           53.1%;  Score 34;  DB 9;  Length 1600;
  Best Local Similarity  66.7%;  Pred. No. 8.8e+02;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       4 GIAGQRNFN 12
```

```
          || |: |||
Db    702 GIGGKTNFN 710


RESULT 40
US-09-925-299-1457
; Sequence 1457, Application US/09925299
; Publication No. US20030040617A9
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
;  FILE REFERENCE: PA102
;  CURRENT APPLICATION NUMBER: US/09/925,299
;  CURRENT FILING DATE:  2001-08-10
;  PRIOR APPLICATION NUMBER: PCT/US00/05883
;  PRIOR FILING DATE: 2000-03-08
;  PRIOR APPLICATION NUMBER: 60/124,270
;  PRIOR FILING DATE: 1999-03-12
;  NUMBER OF SEQ ID NOS: 1556
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1457
;   LENGTH: 140
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (117)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (124)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (135)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (138)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-299-1457

  Query Match             51.6%;  Score 33;  DB 9;  Length 140;
  Best Local Similarity   50.0%;  Pred. No. 99;
  Matches    5;  Conservative    3;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQRNF 11
          | |: ||:|:
Db     93 PVGVPGQKNW 102


RESULT 41
US-09-925-299-1457
; Sequence 1457, Application US/09925299
; Patent No. US20020055627A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
;  FILE REFERENCE: PA102
;  CURRENT APPLICATION NUMBER: US/09/925,299
;  CURRENT FILING DATE:  2001-08-10
;  PRIOR APPLICATION NUMBER: PCT/US00/05883
;  PRIOR FILING DATE: 2000-03-08
;  PRIOR APPLICATION NUMBER: 60/124,270
;  PRIOR FILING DATE: 1999-03-12
;  NUMBER OF SEQ ID NOS: 1556
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1457
;   LENGTH: 140
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (117)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (124)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (135)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   NAME/KEY: SITE
;   LOCATION: (138)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-299-1457

  Query Match             51.6%;  Score 33;  DB 10;  Length 140;
  Best Local Similarity   50.0%;  Pred. No. 99;
  Matches    5;  Conservative    3;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      2 PQGIAGQRNF 11
          | |: ||:|:
Db     93 PVGVPGQKNW 102


RESULT 42
US-09-975-139-7
; Sequence 7, Application US/09975139
; Patent No. US20020155460A1
; GENERAL INFORMATION:
;  APPLICANT: Genencor International, Inc.
;  APPLICANT:  Schellenberger, Volker
;  APPLICANT:  Naki, Donald
;  APPLICANT:  Morrison, Thomas B.
;  TITLE OF INVENTION: INFORMATION RICH LIBRARIES
;  FILE REFERENCE: 23623-7060
;  CURRENT APPLICATION NUMBER: US/09/975,139
;  CURRENT FILING DATE:  2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/239,476
;  PRIOR FILING DATE: 2000-10-10
;  NUMBER OF SEQ ID NOS: 10
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
;   LENGTH: 397
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeroginosa
;   FEATURE:
;   OTHER INFORMATION: AmpC protein
US-09-975-139-7

  Query Match             51.6%;  Score 33;  DB 9;  Length 397;
  Best Local Similarity   50.0%;  Pred. No. 3e+02;
  Matches    6;  Conservative    2;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      1 SPQGIAGQRNFN 12
          :|| : |||  |
Db    330 APQALEGQRLLN 341


RESULT 43
US-10-116-048-4
; Sequence 4, Application US/10116048
; Patent No. US20020146738A1
; GENERAL INFORMATION:
;  APPLICANT: Abad et al.
;  TITLE OF INVENTION: Histidine Kinase Two-component in Candida albicans
;  FILE REFERENCE: PB393D2
;  CURRENT APPLICATION NUMBER: US/10/116,048
;  CURRENT FILING DATE:  2002-04-05
;  PRIOR APPLICATION NUMBER: US 09/419,291
;  PRIOR FILING DATE: 1999-10-15
;  PRIOR APPLICATION NUMBER: US 09/112,450
;  PRIOR FILING DATE: 1998-07-09
;  PRIOR APPLICATION NUMBER: US 60/074,308
;  PRIOR FILING DATE: 1998-02-11
;  PRIOR APPLICATION NUMBER: US 60/052,273
;  PRIOR FILING DATE: 1997-07-10
;  NUMBER OF SEQ ID NOS: 9
;  SOFTWARE: PatentIn version 3.1
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; SEQ ID NO 4
;   LENGTH: 2471
;   TYPE: PRT
;   ORGANISM: Candida albicans
US-10-116-048-4

  Query Match            50.8%;  Score 32.5;  DB 12;  Length 2471;
  Best Local Similarity  61.5%;  Pred. No. 2.7e+03;
  Matches    8;  Conservative    0;  Mismatches    4;  Indels    1;  Gaps    1;

Qy      1 SPQGIAGQR-NFN 12
          ||||    | |||
Db    115 SPQGFDNSRENFN 127


RESULT 44
US-09-972-772-4
; Sequence 4, Application US/09972772
; Publication No. US20020193298A1
; GENERAL INFORMATION:
;  APPLICANT: Olson, Gary L.
;  APPLICANT:  Self, Christopher
;  APPLICANT:  Lee, Lily
;  APPLICANT:  Cook, Charles M.
;  TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR THE
;  TITLE OF INVENTION:  MODULATION OF ANGIOGENESIS
;  FILE REFERENCE: PPI-106CP
;  CURRENT APPLICATION NUMBER: US/09/972,772
;  CURRENT FILING DATE:  2001-10-05
;  PRIOR APPLICATION NUMBER: US 09/704,251
;  PRIOR FILING DATE: 2000-11-01
;  NUMBER OF SEQ ID NOS: 35
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Motifs
US-09-972-772-4

  Query Match            50.0%;  Score 32;  DB 9;  Length 7;
  Best Local Similarity  100.0%;  Pred. No. 3.3e+05;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAG 7
          ||||||
Db      1 PQGIAG 6


RESULT 45
US-10-001-945-4
; Sequence 4, Application US/10001945
; Patent No. US20020151493A1
; GENERAL INFORMATION:
;  APPLICANT: Olson, Gary L.
;  APPLICANT:  Self, Christopher
;  APPLICANT:  Lee, Lily
;  APPLICANT:  Cook, Charles M.
;  APPLICANT:  Birktopf, Jens
;  TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR THE
;  TITLE OF INVENTION:  MODULATION OF ANGIOGENESIS
;  FILE REFERENCE: PPI-106CP2
;  CURRENT APPLICATION NUMBER: US/10/001,945
;  CURRENT FILING DATE:  2001-11-01
;  PRIOR APPLICATION NUMBER: US 09/972,772
;  PRIOR FILING DATE: 2001-10-05
;  PRIOR APPLICATION NUMBER: US 09/704,251
;  PRIOR FILING DATE: 2000-11-01
;  NUMBER OF SEQ ID NOS: 35
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
;   LENGTH: 7
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Motifs
US-10-001-945-4

  Query Match            50.0%;  Score 32;  DB 12;  Length 7;
  Best Local Similarity  100.0%;  Pred. No. 3.3e+05;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAG 7
          ||||||
Db      1 PQGIAG 6


RESULT 46
US-09-738-626-5337
; Sequence 5337, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
;  APPLICANT: NAKAGAWA, SATOSHI
;  APPLICANT:  MIZOGUCHI, HIROSHI
;  APPLICANT:  ANDO, SEIKO
;  APPLICANT:  HAYASHI, MIKIRO
;  APPLICANT:  OCHIAI, KEIKO
;  APPLICANT:  YOKOI, HARUHIKO
;  APPLICANT:  TATEISHI, NAOKO
;  APPLICANT:  SENOH, AKIHIRO
;  APPLICANT:  IKEDA, MASATO
;  APPLICANT:  OZAKI, AKIO
;  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;  FILE REFERENCE: 249-125
;  CURRENT APPLICATION NUMBER: US/09/738,626
;  CURRENT FILING DATE:  2000-12-18
;  PRIOR APPLICATION NUMBER: JP 99/377484
;  PRIOR FILING DATE: 1999-12-16
;  PRIOR APPLICATION NUMBER: JP 00/159162
;  PRIOR FILING DATE: 2000-04-07
;  PRIOR APPLICATION NUMBER: JP 00/280988
;  PRIOR FILING DATE: 2000-08-03
;  NUMBER OF SEQ ID NOS: 7059
;  SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 5337
;   LENGTH: 158
;   TYPE: PRT
;   ORGANISM: Corynebacterium glutamicum
US-09-738-626-5337

  Query Match            50.0%;  Score 32;  DB 9;  Length 158;
  Best Local Similarity  100.0%;  Pred. No. 1.7e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 PQGIAG 7
          ||||||
Db     67 PQGIAG 72


RESULT 47
US-09-820-893-87
; Sequence 87, Application US/09820893
; Patent No. US20020076705A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: 31 Human Secreted Proteins
;  FILE REFERENCE: PZ033P1
;  CURRENT APPLICATION NUMBER: US/09/820,893
;  CURRENT FILING DATE:  2001-03-30
;  PRIOR APPLICATION NUMBER: 09/531,119
;  PRIOR FILING DATE: 2000-03-20
;  PRIOR APPLICATION NUMBER: 60/102,895
;  PRIOR FILING DATE: 1998-10-02
;  NUMBER OF SEQ ID NOS: 140
;  SOFTWARE: PatentIn Ver. 2.0
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; SEQ ID NO 87
;   LENGTH: 259
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-820-893-87

  Query Match             50.0%;  Score 32;  DB 10;  Length 259;
  Best Local Similarity   55.6%;  Pred. No. 2.9e+02;
  Matches    5;  Conservative    3;  Mismatches    1;  Indels    0;  Gaps    0;

Qy       2 PQGIAGQRN 10
           | |:||:|:
Db     155 PSGLAGRRS 163


RESULT 48
US-09-815-242-10228
; Sequence 10228, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
;  APPLICANT: Haselbeck, Robert
;  APPLICANT:  Ohlsen, Kari L.
;  APPLICANT:  Zyskind, Judith W.
;  APPLICANT:  Wall, Daniel
;  APPLICANT:  Trawick, John D.
;  APPLICANT:  Carr, Grant J.
;  APPLICANT:  Yamamoto, Robert T.
;  APPLICANT:  Xu, H. Howard
;  TITLE OF INVENTION: Identification of Essential Genes in
;  TITLE OF INVENTION:  Prokaryotes
;  FILE REFERENCE: ELITRA.011A
;  CURRENT APPLICATION NUMBER: US/09/815,242
;  CURRENT FILING DATE:  2001-03-21
;  PRIOR APPLICATION NUMBER: 60/191,078
;  PRIOR FILING DATE: 2000-03-21
;  PRIOR APPLICATION NUMBER: 60/206,848
;  PRIOR FILING DATE: 2000-05-23
;  PRIOR APPLICATION NUMBER: 60/207,727
;  PRIOR FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: 60/242,578
;  PRIOR FILING DATE: 2000-10-23
;  PRIOR APPLICATION NUMBER: 60/253,625
;  PRIOR FILING DATE: 2000-11-27
;  PRIOR APPLICATION NUMBER: 60/257,931
;  PRIOR FILING DATE: 2000-12-22
;  PRIOR APPLICATION NUMBER: 60/269,308
;  PRIOR FILING DATE: 2001-02-16
;  NUMBER OF SEQ ID NOS: 14110
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10228
;   LENGTH: 297
;   TYPE: PRT
;   ORGANISM: Escherichia coli
US-09-815-242-10228

  Query Match             50.0%;  Score 32;  DB 10;  Length 297;
  Best Local Similarity   60.0%;  Pred. No. 3.4e+02;
  Matches    6;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy       3 QGIAGQRNFN 12
           ||:| | | |
Db      49 QGLADQSNLN 58


RESULT 49
US-09-738-626-5840
; Sequence 5840, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
;  APPLICANT: NAKAGAWA, SATOSHI
;  APPLICANT:  MIZOGUCHI, HIROSHI
;  APPLICANT:  ANDO, SEIKO
;  APPLICANT:  HAYASHI, MIKIRO
;  APPLICANT:  OCHIAI, KEIKO
;  APPLICANT:  YOKOI, HARUHIKO
;  APPLICANT:  TATEISHI, NAOKO
;  APPLICANT:  SENOH, AKIHIRO
;  APPLICANT:  IKEDA, MASATO
;  APPLICANT:  OZAKI, AKIO
;  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;  FILE REFERENCE: 249-125
;  CURRENT APPLICATION NUMBER: US/09/738,626
;  CURRENT FILING DATE:  2000-12-18
;  PRIOR APPLICATION NUMBER: JP 99/377484
;  PRIOR FILING DATE: 1999-12-16
;  PRIOR APPLICATION NUMBER: JP 00/159162
;  PRIOR FILING DATE: 2000-04-07
;  PRIOR APPLICATION NUMBER: JP 00/280988
;  PRIOR FILING DATE: 2000-08-03
;  NUMBER OF SEQ ID NOS: 7059
;  SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 5840
;   LENGTH: 310
;   TYPE: PRT
;   ORGANISM: Corynebacterium glutamicum
US-09-738-626-5840

  Query Match             50.0%;  Score 32;  DB 9;  Length 310;
  Best Local Similarity   62.5%;  Pred. No. 3.6e+02;
  Matches    5;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy       2 PQGIAGQR 9
           |:|:|| |
Db      12 PEGLAGMR 19


RESULT 50
US-09-738-626-3750
; Sequence 3750, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
;  APPLICANT: NAKAGAWA, SATOSHI
;  APPLICANT:  MIZOGUCHI, HIROSHI
;  APPLICANT:  ANDO, SEIKO
;  APPLICANT:  HAYASHI, MIKIRO
;  APPLICANT:  OCHIAI, KEIKO
;  APPLICANT:  YOKOI, HARUHIKO
;  APPLICANT:  TATEISHI, NAOKO
;  APPLICANT:  SENOH, AKIHIRO
;  APPLICANT:  IKEDA, MASATO
;  APPLICANT:  OZAKI, AKIO
;  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;  FILE REFERENCE: 249-125
;  CURRENT APPLICATION NUMBER: US/09/738,626
;  CURRENT FILING DATE:  2000-12-18
;  PRIOR APPLICATION NUMBER: JP 99/377484
;  PRIOR FILING DATE: 1999-12-16
;  PRIOR APPLICATION NUMBER: JP 00/159162
;  PRIOR FILING DATE: 2000-04-07
;  PRIOR APPLICATION NUMBER: JP 00/280988
;  PRIOR FILING DATE: 2000-08-03
;  NUMBER OF SEQ ID NOS: 7059
;  SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 3750
;   LENGTH: 339
;   TYPE: PRT
;   ORGANISM: Corynebacterium glutamicum
US-09-738-626-3750

  Query Match             50.0%;  Score 32;  DB 9;  Length 339;
  Best Local Similarity   50.0%;  Pred. No. 3.9e+02;
  Matches    6;  Conservative    1;  Mismatches    5;  Indels    0;  Gaps    0;

Qy       1 SPQGIAGQRNFN 12
           :| | ||   ||
Db     146 APMGCAGVTTFN 157
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Search completed: May 16, 2003, 10:42:05
Job time : 33 secs